

PATENT

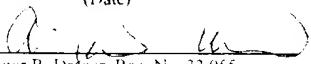


Case Docket No. GENENT.2827A2
Date: July 9, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Pennica et al.
Appl. No. : 09/759,056
Filed : January 11, 2001
For : NOVEL STRA6
POLYPEPTIDES
Examiner : Unknown
Group Art Unit : 1645

I hereby certify that this correspondence and all
marked attachments are being deposited with the
United States Postal Service as first class mail in
an envelope addressed to: Assistant Commissioner
for Patents, Washington, D.C. 20231, on

July 9, 2001
(Date)

Ginger R. Dreger, Reg. No. 33,055

TRANSMITTAL LETTER

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231
ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with 229 references.
- (X) The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.


Ginger R. Dreger
Registration No. 33,055
Attorney of Record



GENENT.2827A2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: July 9, 2001

By: Ginger R. Dreger
Ginger R. Dreger
Registration No. 33,055
Attorney of Record
620 Newport Center Drive

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GENENT.2827A2	APPLICATION NO 09/759,056
INFORMATION DISCLOSURE STATEMENT BY APPLICANT O I P USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Pennica et al	
		FILING DATE January 11, 2001	GROUP 1645

MAY 06 2003

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1. 3,773,919	11.20.73	Boswell et al			
	2. 4,179,337	12.18.79	Davis et al.			
	3. 4,275,149	6.23.81	Litman et al			
	4. 4,399,216	8.16.83	Axel et al.			
	5. 4,485,045	11.27.84	Regen			
	6. 4,496,689	1.29.85	Mitra			
	7. 4,544,545	10.1.85	Ryan et al.			
	8. 4,640,835	2.3.87	Shimizu et al.			
	9. 4,657,760	4.14.87	Kung et al.			
	10. 4,670,417	6.2.87	Iwasaki et al.			
	11. 4,676,980	6.30.87	Segal et al.			
	12. 4,736,866	4.12.88	Leder et al			
	13. 4,791,192	12.13.88	Nakagawa et al.			
	14. 4,816,567	3.28.89	Cabilly et al			
	15. 4,870,009	9.26.89	Evans et al.			
	16. 4,873,191	10.10.89	Wagner et al.			
	17. 4,943,529	7.24.90	Van Den Berg et al.			
	18. 4,975,278	12.4.90	Senter et al			
	19. 5,010,182	4.23.91	Brake et al.			
	20. 5,013,556	5.7.91	Woodle et al			
	21. 5,122,469	6.11.92	Mather et al			
	22. 5,206,344	4.27.93	Katre et al			
	23. 5,225,212	7.6.93	Martin et al			
	24. 5,428,130	6.27.95	Capon et al.			
	25. 5,545,806	8.13.96	Lonberg et al.			
	26. 5,545,807	8.13.96	Surani et al			

EXAMINER: INITIAL IF CITATION IS CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP FOR DRAWLINE, THE CITATION IS NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. GENENT 2827A2	APPLICATION NO. 09/759,056
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Pennica et al	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE January 11, 2001	GROUP 1645

CLIPER
MAY 8 6 2003

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1.	3,773,919	11 20 73	Boswell et al.			
2.	4,179,337	12 18 79	Davis et al			
3.	4,275,149	6 23 81	Litman et al			
4.	4,399,216	8 16 83	Axel et al.			
5.	4,485,045	11 27 84	Regen			
6.	4,496,689	1 20 85	Mitra			
7.	4,544,545	10 1 85	Ryan et al.			
8.	4,640,835	2 3 87	Shimizu et al			
9.	4,657,760	4 14 87	Kung et al.			
10.	4,670,417	6 2 87	Iwasaki et al.			
11.	4,676,980	6 30 87	Segal et al.			
12.	4,736,866	4 12 88	Leder et al.			
13.	4,791,192	12 13 88	Nakagawa et al.			
14.	4,816,567	3 29 89	Cabilly et al.			
15.	4,870,009	9 26 89	Evans et al			
16.	4,873,191	10 10 89	Wagner et al			
17.	4,943,529	7 24 90	Van Den Berg et al			
18.	4,975,278	12 4 90	Senter et al.			
19.	5,010,182	4 23 91	Brake et al			
20.	5,013,556	5 7 91	Woodle et al			
21.	5,122,469	6 16 92	Mather et al			
22.	5,206,344	4 17 93	Hatre et al			
23.	5,225,212	7 6 93	Martin et al			
24.	5,428,130	6 27 95	Capon et al			
25.	5,545,806	8 13 96	Lonberg et al			
26.	5,545,807	8 13 96	Surani et al			

*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GENENT.2827A2	APPLICATION NO. 09/759,056
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Pennica et al	
O I P F USE SEVERAL SHEETS IF NECESSARY		FILING DATE January 11, 2001	GROUP 1645

MAY 8 6 2003

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
27	5,569,825	10.29.96	Lonberg et al.			
28	5,625,126	4.29.97	Lonberg et al.			
29	5,633,425	5.27.97	Lonberg et al.			
30	5,654,010	8.5.97	Johnson et al.			
31	5,661,016	8.26.97	Lonberg et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
32	EP 03089	05.30.90	EP				
33	EP 117,058	08.29.84	EP				
34	EP 117,060	08.29.84	EP				
35	EP 139,383	05.02.85	EP				
36	EP 307,247	03.15.88	EP				
37	EP 36,776	09.30.81	EP				
38	EP 362,179	04.04.90	EP				
39	EP 394,538	10.31.90	EP				
40	EP 404,097	12.27.90	EP				
41	EP 616,812	09.28.94	EP				
42	EP 073,657	03.09.83	EP				
43	WO 81/01145	4.20.81	PCT				
44	WO 87/05330	9.11.87	PCT				
45	WO 84/03564	9.13.94	PCT				
46	WO 88/07378	10.6.88	PCT				
47	WO 89/05859	6.29.89	PCT				
48	WO 90/10048	9.7.90	PCT				
49	WO 90/13641	11.15.90	PCT				

WY 90/13641

*EXAMINER: INITIAL E CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 604, DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GENENT.2827A2	APPLICATION NO. 09/759,056
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Pennica et al	
O I P E (USE SEVERAL SHEETS IF NECESSARY)		FILING DATE January 11, 2001	GROUP 1645

MAY 06 2003

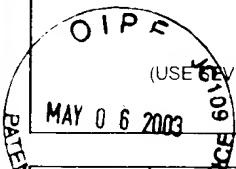
FOREIGN PATENT DOCUMENTS

EXAMINER <i>INITIALS</i>	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
51.	WO 91/00357	1.10.91	PCT				
52.	WO 91/00360	1.10.91	PCT				
53.	WO 91/04753	4.18.91	PCT				
54.	WO 93/11161	6.10.93	PCT				
55.	WO 93/18186	9.16.93	PCT				
56.	WO 94/11026	5.26.94	PCT				
57.	WO 96/07399	3.14.96	PCT				
58.	WO 96/27011	9.6.96	PCT				
59.	WO 96/40072	12.19.96	PCT				
60.	WO 97/03692	2.6.97	PCT				
61.	WO 97/33551	9.18.97	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
62.	Alitalo and Schwab "Oncogene Amplification in Tumor Cells" <i>Adv. Cancer Res.</i> , 47:235-281 (1986)
63.	Altschul et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs" <i>Nucleic Acids Res.</i> 25(17):3389-3402 (1997)
64.	Anderson et al., "Direct Interactions of Coxsakievirus B3 with Immune Cells in the Splenic Compartment of Mice Susceptible or Resistant to Myocarditis" <i>Science</i> 256, 808-813 (1992)
65.	Athauda et al., "Entrapment and Inhibition of Human Immunodeficiency Virus Proteinase by a 2-Macroglobulin and Structural Changes in the Inhibitor" <i>J. Biochem.</i> , 113:742-746 (1993)
66.	Ausubel et al., <i>Current Protocols of Molecular Biology</i> , John Wiley and Sons (1997)
67.	Baselga et al., "Phase II Study of Weekly Intravenous Recombinant Humanized Anti-p185her2 Monoclonal Antibody in Patients With HER2/neu-Overexpressing Metastatic Breast Cancer" <i>J. Clin. Oncol.</i> , 14:737-744 (1996)
68.	Baselga et al., "HER2 Overexpression and Paclitaxel Sensitivity in Breast Cancer: Therapeutic implications" <i>Oncology</i> , 11 (3 Suppl 1):43-48 (1997)
69.	Beach and Nurse, "High-frequency transformation of the fission yeast Schizosaccharomyces pombe" <i>Nature</i> , 290: 140 (1981)
70.	Beal and Dervan et al., "Second Structural Motif for Recognition of DNA by Oligonucleotide-Directed Triple-Helix Formation" <i>Science</i> , 251:1360 (1991)
71.	Bishop, Michael J., "Molecular Themes in Oncogenesis" <i>Cell</i> , 64:235-248 (1991)
72.	Boerner et al., "Production of antigen-specific human monoclonal antibodies from in vitro-primed human splenocytes" <i>J. Immunol.</i> 147(1):86-95 (1991)

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609, DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. GENENT.2827A2	APPLICATION NO. 09/759,056
APPLICANT Pennica et al		
	FILING DATE January 11, 2001	GROUP 1645



EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	NUMBER	CITATION
	73.	Bolivar et al., "Construction an characterization of new cloning vehicles" <u>Gene</u> , 2:95-113 (1977)
	74.	Boring et al., "Cancer Statistics, 1993" <u>CA Cancel J. Clin.</u> , 43:7 (1993)
	75.	Bouillet et al., "Efficient Cloning of cDNA of Retinoic Acid-Responsive Genes in P19 Embryonal Carcinoma Cells and Characterization of a Novel Mouse Gene, Stra1 (Mouse LERK-2/Eplg2)" <u>Dev. Biol.</u> 170:420-433 (1995)
	76.	Bouillet et al., Developmental expression pattern of Stra6, a retinoic acid-responsive gene encoding a new type of membrane protein" <u>Mechanisms of Development</u> 63, 173-186 (1997)
	77.	Boven and Winograd, eds., <u>The Nude Mouse in Oncology Research</u> , CRC Press, Inc., 1991
	78.	Bradley, Allan , "Production and analysis of Chimaeric mice" in <u>Teratocarcinomas and Embryonic Stem Cells: A Practical Approach</u> , E. J. Robertson, ed. (IRL, Oxford, 1987), 5:113-152
	79.	Braxton and Wells, "Incorporation of Stabilizing Ca2+-Binding Loop into Subtilisin BPN'" <u>Biochemistry</u> , 31:7796-7801 (1992)
	80.	Brennan et al., "Preparation of Bispecific Antibodies by Chemical Recombination of Monoclonal Immunoglobulin G1 Fragments" <u>Science</u> 229:81 (1985)
	81.	C. Anthony, <u>The Biochemistry of Methylotrophs</u> , 269-295 (1982)
	82.	Caron et al., "Engineered Humanized Dimeric Forms of IgG Are More Effective Antobodies" <u>J. Exp Med.</u> , 176: 1191-1195 (1992)
	83.	Carter et al., "Improved oligonucleotide site-directed mutagenesis using M13 vectors" <u>Nucl. Acids Res.</u> , 13:4331 (1986)
	84.	Case et al., "Efficient Transformation of Neurospora crassa by Utilizing Hybrid Plasmid DNA" <u>Proc. Natl. Acad. Sci. USA</u> , 76:5259-5263 (1979)
	85.	Chang et al., "Phenotype expression in E. coli of a DNA sequence coding for mouse dihydrofolate reductase" <u>Nature</u> , 275:615 (1978)
	86.	Chazaud et al., "Restricted Expression of a Novel Retinoic Acid Responsive Gene During Limb Bud Dorsoventral Patterning and Endochondral Ossification" <u>Dev. Genet.</u> 19: 66-73 (1996)
	87.	Chevray and Nathans, "Portein interaction cloning in yeast: Identification of mammalian proteins that react with leucine zipper of Jun" <u>Proc. Natl. Acad. Sci. USA</u> , 89: 5789-5793 (1991)
	88.	Chien et al., "The two-hybrid system: A method to identify and clone genes for proteins that interact with a protein of interest" <u>Proc. Natl. Acad. Sci. USA</u> , 88:9578-9582 (1991)
	89.	Chothia, Cyrus, "The Nature of the Accessible and Buried Surfaces in Proteins" <u>J. Mol. Biol.</u> , 150:1 (1976)
	90.	Cleland, Jeffrey L., "Design and Production of Single Immunization Vaccines Using Polylactide Polyglycolide Microsphere Systems," in <u>Vaccine Design: The Subunit and Adjuvant Approach</u> , Powell and Newman, eds. (Plenum Press: New York, 1995), Chapter 18 pp. 439-462
	91.	Cooney et al. 'Site-Specific Oligonucleotide Binding Represses transcription of the Human c-myc Gene in Vitro", <u>Science</u> , 241: 456-459 (1988)
	92.	Creighton, <u>Proteins: Structure and Molecular Properties</u> , W.H. Freeman & Co., San Francisco, (1983)
	93.	Cunningham and Wells, 'High-Resolution Epitope Mapping of hGHI-Receptor Interactions by Alanine-Scanning Mutagenesis" <u>Science</u> , 244: 1081-1085 (1989)
	94.	David and Reisfeld "Protein Localization with Solid State Electrodes" <u>Biochemistry</u> 13:1011-1071

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 606. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GENENT.2827A2	APPLICATION NO. 09/759,056
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Pennica et al	
(USE SEVERAL SHEETS IF NECESSARY) MAY 06 2003		FILING DATE January 11, 2001	GROUP 1645



OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)			
95.	deBoer et al., "The tac promoter: A functional hybrid derived from the trp and lac promoters" <u>Proc. Natl. Acad. Sci. USA</u> , 80:21-25 (1983)		
96.	DeLeo et al., "Cell Surface Antigens of Chemically Induced Sarcomas of the Mouse" <u>J. Exp. Med.</u> , 146:720-730 (1977)		
97.	Deutscher, Murray P. (Ed.), <u>Methods in Enzymology</u> , 182 (1990)		
98.	Drebin et al., "Inhibition of tumor growth by a monoclonal antibody reactive with an oncogene-encoded tumor antigen" <u>PNAS USA</u> , 83:9129-9133 (1986)		
99.	Easwaran et al., "Cross-regulation of -catenin-LEF/TCF and retinoid signaling pathways" <u>Curr. Biol.</u> 9:1415-1418 (1999)		
100.	Eberhard et al., "Alterations of Annexin Expression in Pathological Neuronal and Glial Reactions" <u>Am. J. Pathol.</u> 145:640-9 (1994)		
101.	Edge et al. "Deglycosylation of Glycoproteins by Trifluoromethanesulfonic Acid", <u>Anal. Biochem.</u> , 118:131-137 (1981)		
102.	Epstein et al. "Biological activity of liposome-encapsulated murine interferon is mediated by a cell membrane receptor", <u>Proc. Natl. Acad. Sci. USA</u> , 82: 3688 (1985)		
103.	Evan et al., "Isolation of Monoclonal Antibodies Specific for Human c-myc Proto-Oncogene Product" <u>Molecular and Cellular Biology</u> , 5:3610-3616 (1985)		
104.	Field et al., "Purification of a RAS-Responsive Adenylyl Cyclase Complex from <u>Saccharomyces cerevisiae</u> by Use of an Epitope Addition Method" <u>Mol. Cell. Biol.</u> , 8:2159-2165 (1988)		
105.	Fields and Song, "A novel genetic system to detect protein-protein interactions" <u>Nature</u> , 340:245-246 (1989)		
106.	Fishwild et al., "High-avidity human IgGk monoclonal antibodies from a novel strain of minilocus transgenic mice" <u>Nature Biotechnology</u> 14, 845-51 (1996)		
107.	Fleer et al., 'Stable Multicopy Vectors for High-Level Secretion of Recombinant Human Serum Albumin by Kluyveromyces Yeasts , <u>Bio/Technology</u> , 9:968-975 (1991)		
108.	Fournier and Ozeki, "Structure and Organization of the Transfer Ribonucleic Acid Genes of <u>Escherichia coli K-12</u> ", <u>Microbiol. Rev.</u> 49:379-397 (1985)		
109.	Freund and Blair "Depression of Natural Killer Activity and Mitogen Responsiveness in Mice Treated With Pristane", <u>J. Immunol.</u> 129:2826-2830 (1982)		
110.	Gabizon et al., "Pharmacokinetics and Tissue Distribution of Doxorubicin Encapsulated in Stable Liposomes With Long Circulation Times" <u>J. National Cancer Inst.</u> , 81(19): 1484 (1989)		
111.	Gelmini et al., "Quantitative polymerase chain reaction-based homogeneous assay with fluorogenic probes to measure c-erbB-2 oncogene amplification" <u>Clin. Chem.</u> 43:752 (1997)		
112.	Gething et al., "Cell-surface expression of influenza haemagglutinin from a cloned DNA copy of the RNA gene" <u>Nature</u> , 293:620-625 (1981)		
113.	Goeddel et al., "Direct expression in <u>Escherichia coli</u> of a DNA sequence coding for human growth hormone" <u>Nature</u> , 281:544 (1979)		
114.	Goeddel et al., "Synthesis of human fibroblast by <u>E. coli</u> " <u>Nucleic Acids Res.</u> , 8:4057 (1980)		
115.	Lassam et al., "Synthesis of DNA, Late Polypeptides, and Infectious Virus by Host-Range Mutants of Adenovirus 5 in Nonpermissive Cells" <u>Virology</u> , 87:463-467 (1978)		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY) MAY 06 2003	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. GENENT 2827A2	APPLICATION NO. 09/759,056
		APPLICANT Pennica et al	
		FILING DATE January 11, 2001	GROUP 1645

EXAMINER INITIALS NAME	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
116	Graham et al. "Characteristics of a Human Cell Line Transformed by DNA from human Adenovirus Type 5", <u>J. Gen Virol.</u> , 36:59 (1977)
117	Gray et al. "Fluorescence In Situ Hybridization in Cancer and Radiation Biology", <u>Radiation Res.</u> , 137:275-289 (1994)
118	Gruber et al "Efficient Tumor Cell Lysis Mediated by a Bispecific Single Chain Antibody Express in Escherichia coli", <u>J. Immunol.</u> 152:5368 (1994)
119	Hess et al., "Cooperation of Glycolytic Enzymes", <u>J. Adv. Enzyme Reg.</u> , 7:149 (1968)
120	Hitzeman et al., "Isolation and Characterization of the Yeast 3-Phosphoglycerokinase Gene (PGK) by Immunological Screening Technique" <u>J. Biol. Chem.</u> , 255:2073 (1980)
121	Hodgson, John, "Data-Directed Drug Design" <u>Bio/Technology</u> , 9: 19-21 (1991)
122	Holland and Holland, "Isolation and Identification of yeast Messenger Ribonucleic Acids Coding for Enolase, Glyceraldehyde-3-phosphate Dehydrogenase and Phosphoglycerate Kinase" <u>Biochemistry</u> , 17:4900-4907 (1978)
123	Hollinger et al., "Diabodies": Small bivalent and bispecific antibody fragments" <u>Proc. Natl. Acad. Sci. USA</u> , 90:6444-6448 (1993)
124	Hongo et al. "Development and Characterization of Murine Monoclonal Antibodies to the Latency-Associated Peptide of Transforming Growth Factor", <u>Hybridoma</u> 14:253-260 (1995)
125	Hopp et al., "A short polypeptide marker sequence useful for recombinant protein identification and purification" <u>BioTechnology</u> , 6:1204-1210 (1988)
126	Hora et al., "Controlled Release of Interleukin-2 From Biodegradable Microspheres", <u>Bio/Technology</u> , 8:755-758 (1990)
127	Hsiao et al., "High-frequency transformation of yeast by plasmids containing the cloned yeast ARG4 gene" <u>Proc. Natl. Acad. Sci. (USA)</u> , 76:3829 (1979)
128	Hunter, Tony, "Cooperation between Oncogenes" <u>Cell</u> , 64:1129 (1991)
129	Hwang et al. "Hepatic uptake and degradation of unilamellar sphingomyelin/cholesterol liposomes: A kinetic study", <u>Proc. Natl. Acad. Sci. USA</u> , 77: 4030 (1980)
130	Hynes and Stern, "The biology of erbB-2/neu/HER-2 and its role in cancer" <u>Biochim. Biophys. Acta</u> , 1198:165-184 (1994)
131	Johnson et al., "A month-long effect from a single injection of microencapsulated human growth hormone" <u>Nat. Med.</u> 2:795-799 (1996)
132	Jones et al., <u>Nature</u> , "Replacing the complementary-determining regions in a human antibody with those from a mouse" 321:522-525 (1986)
133	Jones, Elizabeth W., "Proteinase Mutants of Caccharomyces Cerevisiae" <u>Genetics</u> , 85:12 (1977)
134	Karmali et al., "Prostaglandins in breast cancer: Relationship to disease stage and hormone status" <u>Br. J. Cancer</u> , 48:689-696 (1983)
135	Kelly and Hynes, "Transformation osf Aspergillus niger by the amdS gene of Aspergillus nidulans" <u>EMBO J.</u> , 4:475-479 (1985)
136	Keown et al., "Methods for Introducing DNA into Mammalian Cells" <u>Methods in Enzymology</u> , 185:527-537 (1990)

*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609, DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO GENENT 2827A2	APPLICATION NO. 09/759,056
		APPLICANT Pennica et al	
		FILING DATE January 11, 2001	GROUP 1645

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC)
137	Kikuchi et al., "The nucleotide sequence of the promoter and the amino-terminal region of alkaline phosphatase structural gene (phoA) of Escherichia coli" <u>Nucleic Acids Res.</u> 9:5671-5678 (1981)
138	Kingsman et al. "Replication In Saccharomyces cerevisiae of Plasmid Pbr313 Carrying DNA from the Yeast trp Region", <u>Gene</u> , 7:141 (1979)
139	Kobayashi et al., "Mutations of the -Catenin Gene in Endometrial Carcinomas" <u>Jpn. J. Cancer Res.</u> 90:55-9 (1999)
140	Koesters et al., "Mutational Activation of the -Catenin Proto-Oncogene Is a Common Event in the Development of Wilms' Tumors" <u>Cancer Res.</u> 59:3880-2 (1999)
141	Komine et al. "Genomic Organization and Physical Mapping of the Transfer RNA Genes in Escherichia coli K12", <u>J. Mol. Biol.</u> 212:579-598 (1990)
142	Korinek et al., "Two members of the <i>Ref</i> family implicated in Wnt/ -Catenin signaling during Embryogenesis in the Mouse" <u>Mol. Cell Biol.</u> 18:1248-56 (1998)
143	Kostelnik et al. "Formation of a Bispecific Antibody by the Use of Leucine Zippers", <u>J. Immunol.</u> 148(5):1547-1553 (1992)
144	Lasko et al., "Targeted oncogene activation by site-specific recombination in transgenic mice" <u>Proc. Natl. Acad. Sci. USA</u> , 89:6232-636 (1992)
145	Lavitrano et al., "Sperm Cells as vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice" <u>Cell</u> , 57:717-73 (1989)
146	Lee et al., "Complexes formed by (pyrimidine)n.(purine)n DNAs on lowering the pH are three-stranded" <u>Nucl. Acids Res.</u> , 6:3073 (1979)
147	Li et al., "Targeted Mutation of the DNA Methyltransferase Gene Results in Embryonic Lethality" <u>Cell</u> , 69:915 (1992)
148	Lo, Cecilia W., "Transformation by Iontophoretic Microinjection of DNA: Multiple Integration Without Tandem insertions" <u>Mol. Cell Biol.</u> , 3:1803-1814 (1983)
149	Lonberg and Huszar, "Human Antibodies from transgenic Mice" <u>Intern. Rev. Immunol.</u> 13 65-93 (1995)
150	Lonberg et al., "Antigen-specific human antibodies from mice comprising four distinct genetic modifications" <u>Nature</u> 368 856-859 (1994)
151	Louvencourt et al., "Transformation of Kluyveromyces lactis by Killer Plasmid DNA", <u>J. Bacteriol.</u> , 154(2): 737-1742 (1983)
152	Lucas et al., "High-Level production of recombinant proteins in CHO cells using a dicistronic DHFR intron expression vector" <u>Nucl. Acids Res.</u> 24(9):1774-1779 (1996)
153	Lutz-Freyermuth et al., "Quantitative determination that one of two potential RNA-binding domains of the A protein component of the U1 small nuclear ribonucleoprotein complex binds with high affinity to stem-loop II OF U1 RNA" <u>Proc. Natl. Acad. Sci. USA</u> , 87:6393-6397 (1990)
154	Mansour et al., "Disruption of the proto-oncogene int-2 in mouse embryo-derived stem cells: a general strategy for targeting mutations to non-selectable genes" <u>Nature</u> , 336:348-352 (1988)
155	Mantel et al., "Rabbit -globin mRNA production in mouse L cells transformed with clone rabbit -globin chromosomal DNA" <u>Nature</u> , 281:40-46 (1979)
156	Marasco et al. "Design, intracellular expression, and activity of a human anti-human immunodeficiency virus type 1 gp120- single-chain antibody" <u>Proc. Natl. Acad. Sci. USA</u> , 90: 7889-7893 (1993)

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT OIR (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO GENENT 2827A2	APPLICATION NO. 09/759,056
	APPLICANT Pennica et al	
	FILING DATE January 11, 2001	GROUP 1645

OIR
MAY 06 2003
EXAMINER
INITIAL
PATENT & TRADEMARK OFFICE SCIENCE

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC)
	157 Marks et al., "By-passing Immunization Human Antibodies from V-gene Libraries Displayed on Phage" <u>J. Mol. Biol.</u> , 222:581 (1991)
	158 Martin and Papahadjopoulos, "Irreversible Coupling of Immunoglobulin Fragments to Preformed Vesicles" <u>J. Biol. Chem.</u> , 257: 286-288 (1982)
	159 Martin et al., "GAP Domains Responsible for Ras p21-Dependent Inhibition of Muscarinic Atrial K + Channel Current" <u>Science</u> , 255:192-194 (1992)
	160 Massey, " Catalytic antibodies catching on" <u>Nature</u> , 328:457-458 (1987)
	161 Mather, Jennie P. "Establishment and Characterization of two Distinct Mouse Testicular Epithelial Cell Lines", <u>Biol. Reprod.</u> , 23:243-251 (1980)
	162 McGrew et al., "Direct regulation of the Xenopus engrailed-2 promoter by the Wnt signaling pathway, and a molecular screen for Wnt-responsive genes, confirm a role for Wnt signaling during neural patterning in Xenopus" <u>Mech. Dev.</u> 87:21-32 (1999)
	163 Merrifield, R.B., "Solid Phase Peptide Synthesis. I. The Synthesis of Tetrapeptide" <u>J. Am. Chem. Soc.</u> , 85:2149-2154 (1963)
	164 Milstein and Cuello, "Hybrid hybridomas and their use in immunohistochemistry" <u>Nature</u> , 305:537-539 (1983)
	165 Mordini, J. and Chappell, W. "The use of interspecies scaling in toxicokinetics" In <u>Toxicokinetics and New Drug Development</u> , Yacobi et al., Eds., Pergamon Press, New York 1989, pp. 42-96
	166 Morrison, Sherrie L., "Success in specification" <u>Nature</u> 368, 812-13 (1994)
	167 Neuberger et al., "Recombinant antibodies possessing novel effector functions" <u>Nature</u> , 312:604-608 (1984)
	168 Neuberger, Michael, "Generating high-avidity human Mabs in mice" <u>Nature Biotechnology</u> 14, 826 (1996)
	169 Nygren, Hakan "Conjugation of Horseradish Peroxidase to Fab Fragments with Diferent Homobifunctional and Heterobifunctional Cross-Linking Reagents" <u>J. Histochem. and Cytochem.</u> , 30:407 (1982)
	170 Paborsky et al., "Mammalian cell transient expression of tissue factor for the production of antigen" <u>Protein Engineering</u> , 3(6):547-553 (1990)
	171 Pain an Surolia "Preparation of Protein A-Peroxidase Monoconjugate using a Heterobifunctional Reagent, and its use in Enzyme Immunoassays" <u>J. Immunol. Meth.</u> , 40:219 (1981)
	172 Palladino et al. "Characterization of the Antitumor Activities of Human Tumor Necrosis Factor- and the Comparison with other Cytokines: Induction of Tumor-Specific Immunity", <u>J. Immunol.</u> , 138:4023-4032 (1987)
	173 Pennica et al., "WISP genes are members of the connective tissue growth factor family that are up-regulated in Wnt-1-transformed cells and aberrantly expressed in human colon tumors" <u>Proc. Natl. Acad. Sci USA</u> 95:14717-22 (1998)
	174 Perry, M.C., Ed., <u>Chemotherapy Source Book</u> , Williams & Wilkins, Baltimore, MD (1992)
	175 Polakis, Paul, "The oncogenic activation of -catenin" <u>Curr. Opin. Genet. Dev.</u> 9:15-21 (1999)
	176 Presta, Leonard G. , "Antibody engineering" <u>Curr. Op. Struct. Biol.</u> , 2:593-596 (1992)
	177 Ravdin and Charnness, "The c-erbB-2 proto-oncogene as a prognostic and predictive marker in breast cancer: a paradigm for the development of other macromolecular markers-a review" <u>Gene</u> , 159:19-27 (1995)
	178 Reichmann et al., "Reshaping human antibodies for therapy" <u>Nature</u> , 332:323-329 (1988)

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. GENENT.2827A2	APPLICATION NO. 09/759,056
	APPLICANT Pennica et al	
	FILING DATE January 11, 2001	GROUP 1645

*MAY 08 2003
PTEAKL
PATENT & TRADEMARK OFFICE
SEARCHED SC18*

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC)
	179 Rimm et al., "Frequent Nuclear/Cytoplasmic Localization of -Catenin without Exon 3 Mutations in Malignant <u>Breast</u> <u>Tumor</u> " <u>Am. J. Pathol.</u> 154:325-9 (1999)
	180 Rossi, John J., "Making ribozymes work in cells" <u>Current Biology</u> , 4:469-471 (1994)
	181 Rubinfeld et al., "Association of the APC Gene Product with -Catenin" <u>Science</u> 262:1731-1734 (1993)
	182 Ruppert et al., "Cloning and expression of human TAD..250" a TBP-associated factor implicated in cell-cycle regulation" <u>Nature</u> , 362:175-179 (1993)
	183 Sambrook et al., <u>Molecular Cloning: A Laboratory Manual</u> (New York: Cold Spring Harbor Laboratory Press, 1989)
	184 Scholtissek and Grosse, "A cloning cartridge of 10 terminator" <u>Nucleic Acids Res.</u> 15:3185 (1987)
	185 Schwab et al. "Amplification of Cellular Oncogenes: A Predictor of Clinical outcome in Human Cancer", <u>Genes Chromosomes Cancer</u> , 1:181-193 (1990)
	186 Scopes, Robert K., <u>Protein Purification: Principles and Practice</u> , Springer-Verlag, New York (1982)
	187 Shalaby et al., "Development of Humanized Bispecific Antibodies Reactive with Cytotoxic lymphocytes and Tumor Cells Overexpressing the HER2 Protooncogene" <u>J. Exp. Med.</u> 175:217-225 (1992)
	188 Shope, Bob, "A Genetically Engineered Human IgG Mutant With Enhanced Cytolytic Activity" <u>J. Immunol.</u> , 148:2918:2922 (1992)
	189 Slamon et al., "Human Breast Cancer" Correlation of Relapse and Survival with Amplification of the HER-2/neu Oncogene" <u>Science</u> , 235:177-182 (1987)
	190 Small et al., "Analysis of a Transgenic Mouse Containing Simian Virus 40 and v-myc Sequences" <u>Mol. Cell. Biol.</u> , 5:642-648 (1985)
	191 Sojar and Bahl, et al., "A Chemical Method for the Deglucosylation of Proteins", <u>Arch. Biochem. Biophys.</u> , 259:52-57(1987)
	192 Sompanyrac et al., "Efficient infection of monkey cells with DNA of simian virus 40" <u>Proc. Natl. Acad. Sci.</u> , 75:7575 (1981)
	193 Sreekrishna et al., "High level expression of heterologous proteins in methylotrophic yeast <u>Pichia pastoris</u> " <u>J. Basic Microbiol.</u> , 28:265-278 (1988)
	194 Stella et al., "Prodrugs: A Chemical Approach to Targeted Drug Delivery", University of Kansas and Interx Research Corp., Lawrence, Kansas 66045
	195 Stevenson et al. "A chimeric antibody with dual Fc regions (bisFcFc) prepared by manipulations at the IgG hinge", <u>Anti-Cancer Drug Design</u> , 3: 219-230 (1989)
	196 Stewart et al., <u>Solid-Phase Peptide Synthesis</u> , W.H. Freeman Co., San Francisco, CA (1969)
	197 Stewart et al., "An STS-Based Radiation Hybrid Map of the Human Genome" <u>Genome Research</u> , 7:422-433 (1997)
	198 Stinchcomb et al., "Isolation and characterization of yeast chromosomal replicator" <u>Nature</u> , 282:39 (1979)
	199 Suresh et al., "Bispecific Monoclonal Antibodies from Hybrid Hybridomas" <u>Methods in Enzymology</u> , 121:210 (1986)
	200 Taneja et al., "Reexpression of retinoic acid receptor (RAR) or overexpression of RAR or RAR in RAR -null F9 cells reveals a partial functional redundancy between the three RAR types" <u>Proc. Natl. Acad. Sci. USA</u>

*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. GENENT.2827A2	APPLICATION NO. 09/759,056
	APPLICANT Pennica et al	
	FILING DATE January 11, 2001	GROUP 1645

MAY 8 6 2003
U.S. PATENT & TRADEMARK OFFICE
SEARCHED & INDEXED - 100%

EXAMINER INITIALS	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	201 Thimmappaya et al., "Adenovirus VAI RNA Is Required for Efficient Translation of Viral mRNAs at Late Times after infection" <u>Cell</u> , 31:543 (1982)	
202	Thomas and Ceppechi, "Site-Directed Mutagenesis by Gene Targeting in Mouse Embryo-Derived Stem Cells" <u>Cell</u> , 51:503 (1987)	
203	Thomas, Patricia S., "Hybridization of denatured RNA and small DNA fragments transferred to nitrocellulose" <u>Proc. Natl. Acad. Sci. USA</u> , 77:5201-5205 (1980)	
204	Thompson et al., "Germ Line Transmission an Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells" <u>Cell</u> , 56:313-321 (1989)	
205	Thotakura and Bahl, "Enzymatic Deglycosylation of Glycoproteins" <u>Meth. Enzymol.</u> , 138:350 (1987)	
206	Tilburn et al. "Transformation by Integration in Aspergillus nidulans", <u>Gene</u> , 26:205-221 (1983)	
207	Traunecker et al., "Bispecific single chain molecules (Janusins) target cytotoxic lymphocytes on HIV infected cells" <u>EMBO J.</u> , 10:3655-3659 (1991)	
208	Tschumper et al., "Sequence of a yeast DNA fragment containing a chromosomal replicator and the TRP1 gene" <u>Gene</u> , 10:157 (1980)	
209	Tsukamoto et al., "Expression of the int-1 Gene in Transgenic Mice Is Associated with Mammary Gland Hyperplasia and Adenocarcinomas in Male and Female Mice" <u>Cell</u> 55:619-625 (1988)	
210	Urlaub and Chasin, "Isolation of Chinese Hamster Cell Mutants Deficient in Dihydrofolate Reductase Activity" <u>Proc. Natl. Acad. Sci. USA</u> , 77:4216 (1980)	
211	Van der Krol et al., "Modulation of Eukaryotic Gene Expression by Complementary RNA or DNA Sequences" <u>BioTechniques</u> 6:958 (1988)	
212	Van der Putten et al., "Efficient insertion of genes into the mouse germ line via retroviral vectors" <u>Proc. Natl. Acad. Sci. USA</u> , 82:6148-615 (1985)	
213	Van Solingen et al., "Fusion of Yeast Spheroplasts" <u>J. Bact.</u> , 130:946 (1977)	
214	Verhoeven et al., "Reshaping Human Antibodies: Grafting an Antilysozyme Activity" <u>Science</u> , 239:1534-1536 (1988)	
215	Vitetta et al., "Redesigning Nature's Poisons to Create Anti-Tumor Reagents" <u>Science</u> , 238: 1098 (1987)	
216	Wagner et al., "Transferrin-polycation conjugates as carriers for DNA uptake into cells" <u>Proc. Natl. Acad. Sci. USA</u> 87, 3410-3414 (1990)	
217	Warzocha and Wotowiec, "Antisense strategy" biological utility and prospects in the treatment of hematological malignancies." <u>Leuk. Lymphoma</u> 24:267-281 (1997)	
218	Wells et al., "Cassette mutagenesis: an efficient method for generation of multiple mutations at defined sites" <u>Gene</u> , 34:315 (1985)	
219	Wells et al., "Importance of hydrogen-bond formation in stabilizing the transition state of subtilisin" <u>Philos. Trans. R. Soc. London Ser A</u> , 317:415-423 (1986)	
220	Willert et al. "Wnt-induced dephosphorylation of Axin releases -catenin from the Axin complex", <u>Genes Dev.</u> 13:1768-73 (1999)	
221	Wilman, Derry E., "Prodrugs in Cancer Chemotherapy", <u>Biochemical Society Transactions</u> , 14:375-382, 615th Meeting, Belfast (1986)	

*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Q.P.E. USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. GENENT 2827A2	APPLICATION NO. 09/759,056
	APPLICANT Pennica et al	
	FILING DATE January 11, 2001	GROUP 1645

MAY 06 2003

EXAMINER INITIALS WRIGHT P.T.A. TRADEMARK OFFICE	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	222 Wright et al. " -Catenin mutation and expression analysis on ovarian cancer: Exon 3 mutations and nuclear translocation in 16% of endometrioid tumours" Int. J. Cancer 82:625-9 (1999)
223	Wu et al., "Receptor-mediated in Vitro Gene Transformation by a Soluble DNA Carrier System" J. Biol. Chem. 262, 4429-4432 (1987)
224	Yelton et al., "Transformation of Aspergillus nidulans by using trpCplasmid" Proc. Natl. Acad. Sci. USA, 81: 1470-1474 (1984)
225	Zacharski, Leo R., "Basis for Selection of Anticoagulant Drugs for Therapeutic Trials in Human Malignancy" Haemostasis, 16:300-320 (1986)
226	Zamecnik et al., "Inhibition of replication and expression of human T-cell lymphotropic virus type I9II in cultured cells by exogenous synthetic oligonucleotides complementary to viral RNA" Proc. Natl. Acad. Sci. USA 83:4143-4146 (1986)
227	Zapata et al., "Engineering linear F(ab')2 fragments for efficient production in Escherichia coli and enhanced antiproliferative activity" Protein Eng., 8(10):1057-1062 (1995)
228	Zola, Hedy , Monoclonal Antibodies: A Manual of Techniques, CRC Press, Inc. (1987) pp. 147-158
229	Zupi et al. "Cloning in Vitro and in Vivo of Lewis Lung Carcinoma: Properties and Characteristics", Br. J. Cancer, 41:suppl. 4:309 (1980)